

EXHIBIT D-2

Sonos, Inc. v. Google LLC**Bill of Costs | Exhibit D-2 | E-Discovery Costs, Civil L.R. 54-3(d)(2)**

Vendor	Narrative	Data Processing
Quinn Emanuel Urquhart & Sullivan LLP Litigation Support Services	Data Processing Services from start to end of case	\$21,581.25
TOTAL		\$21,581.25

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865 S. Figueroa Street, 10th Floor
Los Angeles, California 90017

Matter #: 01980-00181

Client Number: 01980

Invoice Number: full action to-date

Responsible Attorney: Melissa Baily

202012002-Sonos v. Google (WD Tex)

For Professional Services through October 24, 2023 in connection with representing Google in an offensive declaratory judgment action against Sonos in the Northern District of California, case No. 3:20-cv-6754.

Litigation Support/Document Management Services	Init.	Title	Hours	Rate	Amount
Vince Mesa	VM1	Litigation Support	9.40	250.00	2,350.00
Aaron Alcantara	AA1	Litigation Support	151.00	175.00	26,425.00
Total					\$28,775.00
Total (including 25% volume discount)					\$21,581.25

Vince Mesa (VM1)					
03/03/21	VM1	Capture and process websites into proper format in preparation for prior art document production.		2.90	725.00
03/04/21	VM1	Capture and process websites into proper format for attorneys in preparation for prior art document production.		3.20	800.00
03/05/21	VM1	Capture and process websites into proper format for attorneys in preparation for prior art document production.		3.30	825.00
Total					\$2,350.00

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Aaron Alcantara (AA1)					
03/03/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format.		4.30	752.50
03/04/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format.		13.70	2,397.50
03/05/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		10.60	1,855.00
03/08/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		3.70	647.50
03/09/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		3.60	630.00
03/10/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		3.30	577.50
03/11/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		3.20	560.00

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03/12/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		3.30	577.50
03/15/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		2.40	420.00
04/08/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		2.20	385.00
05/04/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		2.20	385.00
05/05/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		1.10	192.50
06/04/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		0.60	105.00
08/18/21	AA1	Work on document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		2.10	367.50

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09/07/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		1.30	227.50
09/10/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		1.10	192.50
10/22/21	AA1	Manage document production with image endorsements and designations. Provide documents in searchable PDF format for attorney.		1.10	192.50
12/06/21	AA1	Manage document production with image endorsements and designations (GOOG-SONOSNDCA_PROD012 & GOOG-SONOSNDCA_PROD013).		2.20	385.00
12/10/21	AA1	Manage document production with image endorsements and designations (PROD011, PROD012, PROD013 & PROD014).		1.80	315.00
12/13/21	AA1	Manage document production with image endorsements and designations (PROD011, PROD012, PROD013 & PROD014).		1.40	245.00
12/14/21	AA1	Manage document production with image endorsements and designations (PROD011, PROD012, PROD013 & PROD014).		1.30	227.50

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12/17/21	AA1	Manage document production with image endorsements and designations and provide docs into searchable PDFs.		1.30	227.50
12/21/21	AA1	Manage document production with image endorsements and designations and provide into searchable PDFs		1.20	210.00
01/03/22	AA1	Manage document production with image endorsements and designations. (GOOG-SONOSNDCA_PROD016).		1.40	245.00
01/12/22	AA1	Manage document production with image endorsements and designations. (GOOG-SONOSNDCA_PROD017)		1.30	227.50
01/28/22	AA1	Manage document production with image endorsements and designations. (GOOG-SONOSNDCA_PROD018)		1.20	210.00
01/31/22	AA1	Manage document production with image endorsements and designations. Generate searchable PDFs for production volumes (GOOG-SONOSNDCA_PROD015 & GOOG-SONOSNDCA_PROD018).		1.20	210.00
02/09/22	AA1	Manage document production with image endorsements and designations and provide in searchable PDF format (GOOG-SONOSNDCA_PROD021).		1.30	227.50
02/22/22	AA1	Manage document production with image endorsements and		1.40	245.00

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		designations; provide production documents into searchable PDFs.			
02/24/22	AA1	Manage document production with image endorsements and designations; provide production documents into searchable PDFs.		1.20	210.00
02/25/22	AA1	Manage document production with image endorsements and designations; provide production documents into searchable PDFs.		1.20	210.00
03/01/22	AA1	Manage document production with image endorsements and designations; provide production documents into searchable PDFs (GOOG-SONOSNDCA_PROD021).		1.40	245.00
03/11/22	AA1	Manage document production with image endorsements and designations; provide production documents into searchable PDFs (GOOG-SONOSNDCA_PROD021 & GOOG-SONOSNDCA_PROD022).		1.40	245.00
03/29/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team		1.10	192.50

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		(GOOG-SONOSNDCA_PROD023).			
04/05/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD024).		1.10	192.50
04/07/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD025).		1.10	192.50
04/15/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as		3.30	577.50

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		requested by the QE case team (GOOG-SONOSNDCA_PROD026).			
04/18/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD027).		2.30	402.50
04/19/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD028).		1.10	192.50
04/21/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive		1.70	297.50

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		because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD029 & GOOG-SONOSNDCA_PROD027_Overlay).			
04/26/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD029 & PROD030).		1.90	332.50
04/27/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD031).		1.30	227.50
04/28/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry		1.10	192.50

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		were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (SONOS-SVG3 PROD018).			
04/29/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD032).		1.10	192.50
04/29/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (SONOS-SVG3 PROD018).		1.20	210.00
05/03/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at		4.30	752.50

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		GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD033, GOOG-SONOSNDCA_PROD034 & GOOG-SONOSNDCA_PROD035).			
05/04/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD033, GOOG-SONOSNDCA_PROD034 & GOOG-SONOSNDCA_PROD035).		1.90	332.50
05/06/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive		1.10	192.50

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		because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD036).			
05/09/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD037).		1.10	192.50
05/11/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD038).		1.20	210.00
05/12/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves.		1.30	227.50

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		These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD038).			
05/13/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD039).		1.20	210.00
05/17/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD040).		1.20	210.00
05/31/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to		1.20	210.00

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		handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD041).			
06/03/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD042).		1.20	210.00
06/06/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD044).		1.30	227.50
06/13/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they		1.20	210.00

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		lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD045).			
06/16/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD046).		1.20	210.00
06/17/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD047).		1.20	210.00
06/21/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at		1.20	210.00

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		GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD048).			
06/22/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD048).		1.40	245.00
06/23/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD049).		1.20	210.00
06/28/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry		1.20	210.00

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		were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD050).			
07/26/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD053).		1.10	192.50
07/27/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA PROD054).		1.30	227.50
08/05/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The		1.10	192.50

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		tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD05).			
08/16/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD056).		1.80	315.00
08/22/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD057).		1.30	227.50
09/28/22	AA1	Performed an off-process production requested by Google		1.10	192.50

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		Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD058).			
11/21/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD059).		1.20	210.00
11/22/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD059 -		2.30	402.50

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		revised & GOOG-SONOSNDCA_PROD061).			
11/23/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD061 revised).		1.30	227.50
11/28/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD059, GOOG-SONOSNDCA_PROD060, GOOG-SONOSNDCA_PROD061 & GOOG-SONOSNDCA_PROD062).		2.80	490.00
11/29/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The		2.90	507.50

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		tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (SONOSNDCA_PROD063, SONOSNDCA_PROD064 & SONOSNDCA_PROD065).			
11/30/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (SONOSNDCA_PROD063, SONOSNDCA_PROD064 & SONOSNDCA_PROD065).		3.10	542.50
12/01/22	AA1	Performed an off-process production requested by Google Discovery Team ("GDT"). The tasks referenced in this time entry were performed by QE LTAS at GDT's direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD059,		2.70	472.50

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		GOOG-SONOSNDCA_PROD060, GOOG-SONOSNDCA_PROD061 & GOOG-SONOSNDCA_PROD062).			
04/19/22	AA1	Performed an off-process production requested by Google Discovery Team (“GDT”). The tasks referenced in this time entry were performed by QE LTAS at GDT’s direction because they lacked sufficient bandwidth to handle this production themselves. These tasks are time-intensive because of a tight deadline, as requested by the QE case team (GOOG-SONOSNDCA_PROD028).		1.10	192.50
Total					\$26,425.00

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